

CLAIMS AMENDMENT

1. (previously presented): A method to identify a compound which will effect apoptosis selectively in tumors, which method comprises assessing a candidate compound for its ability to inhibit mitochondrial ATP synthase, whereby a compound which is able to inhibit said synthase is identified as a compound that will selectively effect apoptosis in tumors;
wherein said candidate compound is an analog of apoptolidin.

2. (original): The method of claim 1 wherein said assessing is by assessing the ATPase activity of said synthase.

3. (original): The method of claim 2 wherein said ATP synthase is obtained from yeast.

4. (cancelled)

5. (currently amended): The method of ~~claim 4~~ claim 1 wherein said analog is produced from a modified form of the synthase for apoptolidin or of its tailoring enzymes.

6-21 (cancelled)